

48597 to 48608—Continued.**48606.** TRIUMFETTA sp. Tiliaceæ.

"A fiber plant."

48607. VIGNA VEXILLATA (L.) Rich. Fabaceæ.

"Collected in September, 1919."

48608. WISSADULA SPICATA (H. B. K.) Presl. Malvaceæ.An inferior forage, useful for cattle in times of emergency. (Adapted from *Correa, Flora do Brazil*, p. 137.)**48609 to 48611.**

From Salisbury, Rhodesia. Roots presented by Mr. H. C. Mundy, agriculturist and botanist, Department of Agriculture. Received November 7, 1919.

"We have sent you two tins containing roots of cow cane, Indian cane, and m'fufu grass. As these plants are very hardy, I trust that the roots will retain their vitality. We have never obtained seeds of either cow cane or Indian cane, as the plants have not flowered with us." (*Mundy*.)

48609. PENNISETUM sp. Poaceæ.**M'fufu grass.****48610.** SACCHARUM sp. Poaceæ.**Indian cane.****48611.** SACCHARUM sp. Poaceæ.**Cow cane.****48612.** CACARA EROSA (L.) Kuntze. Fabaceæ.**Yam bean.**(*Pachyrhizus angulatus* Rich.)

From Santiago de las Vegas, Cuba. Presented by Dr. Mario Calvino, director, Estacion Experimental Agronomica. Received November 8, 1919.

"Seeds of what we consider to be *Pachyrhizus tuberosus*. This plant bears blue flowers, although I have seen in Mexico one variety with white flowers." (*Calvino*.)

For previous introduction, see S. P. I. No. 47146.

48613. CASSIA AUSTRALIS Sims. Cæsalpiniaceæ.

From Cairo, Egypt. Presented by Mr. F. S. Walsingham, Horticultural Section, Gizeh Branch, Ministry of Agriculture. Received November 11, 1919.

An erect Australian shrub, simple or very little branched toward the top. The abruptly pinnate leaves are made up of 10 or 12 pairs of oblong-elliptical leaflets, and the axillary peduncles usually bear four large golden-yellow flowers. (Adapted from *Curtis's Botanical Magazine*, pl. 2676.)

48614 to 48623. MANIHOT ESCULENTA Crantz. Euphorbiaceæ.(*M. utilissima* Pohl.)**Cassava.**

From St. Kitts, British West Indies. Cuttings presented by Mr. F. R. Shepherd, agricultural superintendent, Botanic Station, St. Kitts-Nevis. Received November 11, 1919.

"I am sending three sticks of each of the different varieties of cassavas." (*Shepherd*.)

48614. *Bitter No. 1.***48619.** *Jackroe.***48615.** *Bitter No. 4.***48620.** *Small leaf.***48616.** *Blackolick.***48621.** *Sweet No. 1.***48617.** *Blue top.***48622.** *Red Greenaway.***48618.** *French No. 3.***48623.** *White Greenaway.*